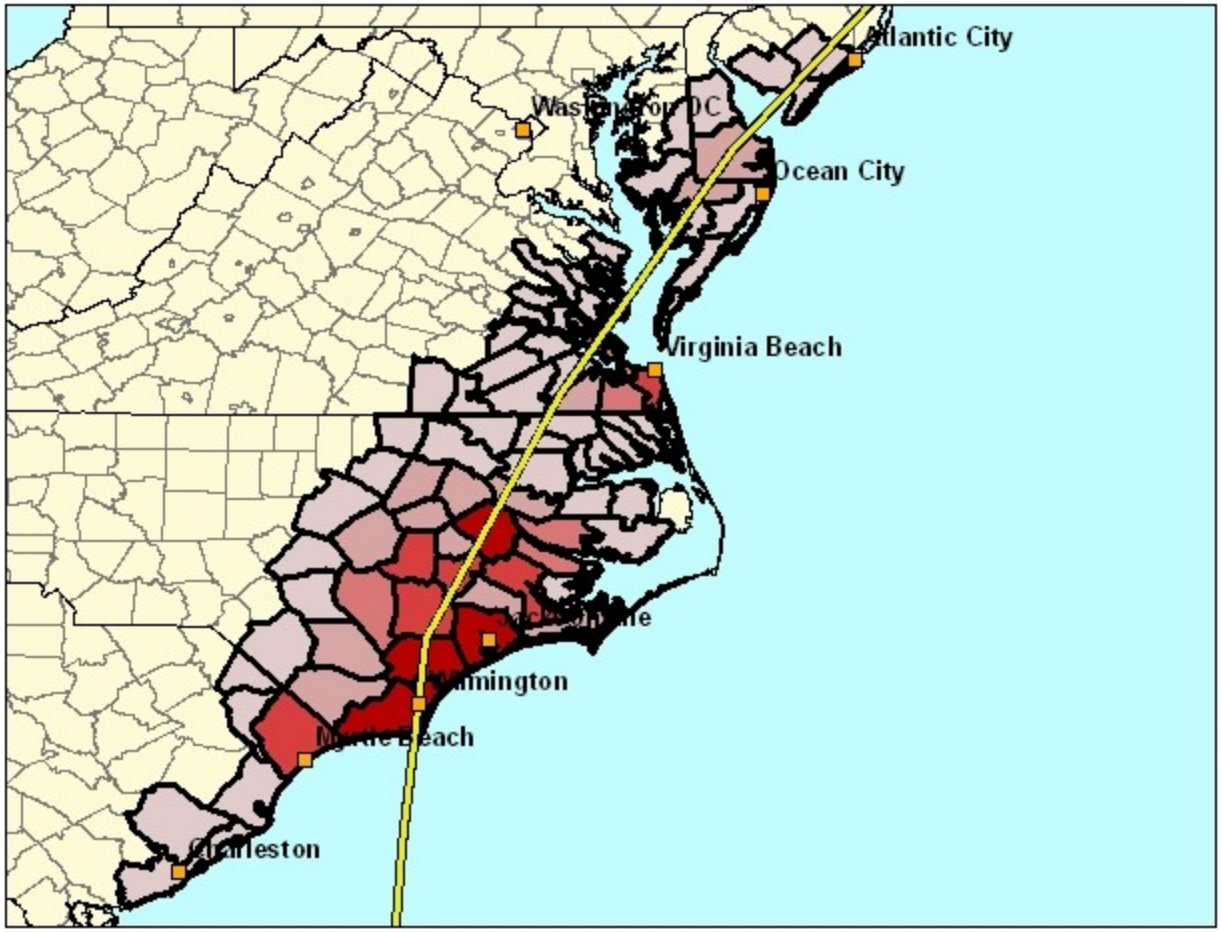
US Army Corps of Engineers

Hurricane Noname 1961 Debris Model

Landfall Plus About 12 Hours

For Official Use Only!



Post Landfall Debris Model Results

North Carolina - 15,289,000 Yards
Virginia - 3,137,000 Yards
South Carolina - 807,000 Yards
Delaware - 222,000 Yards
Maryland - 221,000 Yards
New Jersey - 113,000 Yards

Model results per County on following page

This model is based on a Category 3 storm making landfall near Wilmington, NC.

Historic Track

Debris

- < 100,000 cubic yards
- 100,000 - 249,999 cubic yards
- 250,000 - 499,999 cubic yards
- 500,000 - 999,999 cubic yards
- >1,000,000 cubic yards

Information provided on this page displays a Category 3 storm making landfall near Wilmington, NC. These projections are based on information from the NHC (0900 EDT 09/18/2007) forecast. The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane Noname 1961 Debris Model

Generated By:
Siemsen, LRL 0930 EDT 09/18/2007

Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane Noname 1961 Debris Model

Landfall Plus About 12 Hours

For Official Use Only!

State	Yards per State	County	Yards per County
Delaware		Kent	6,000
		Sussex	216,000
Delaware	222,000		
Maryland		Caroline	< 1,000
		Dorchester	3,000
		Somerset	29,000
		Wicomico	113,000
		Worcester	76,000
Maryland	221,000		
New Jersey		Atlantic	2,000
		Cape May	99,000
		Cumberland	12,000
New Jersey	113,000		
North Carolina		Beaufort	297,000
		Bertie	73,000
		Bladen	122,000
		Brunswick	1,858,000
		Camden	13,000
		Carteret	219,000
		Chowan	29,000
		Columbus	236,000
		Craven	655,000
		Cumberland	42,000
		Currituck	19,000
		Duplin	808,000
		Edgecombe	229,000
		Franklin	26,000
		Gates	34,000

State	Yards per State	County	Yards per County
North Carolina		Greene	133,000
(continued)		Halifax	99,000
		Harnett	41,000
		Hertford	70,000
		Hyde	10,000
		Johnston	217,000
		Jones	140,000
		Lenoir	505,000
		Martin	162,000
		Nash	177,000
		New Hanover	3,960,000
		Northampton	53,000
		Onslow	1,366,000
		Pamlico	38,000
		Pasquotank	47,000
		Pender	1,101,000
		Perquimans	19,000
		Pitt	1,159,000
		Robeson	53,000
		Sampson	261,000
		Tyrrell	8,000
		Wake	42,000
		Warren	5,000
		Washington	35,000
		Wayne	731,000
		Wilson	197,000
North Carolina	15,289,000		
South Carolina		Berkeley	< 1,000

The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

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Hurricane Noname 1961 Debris Model

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Siemsen, LRL 0930 EDT 09/18/2007

Sources:
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LRL-DEBRIS

US Army Corps of Engineers

Hurricane Noname 1961 Debris Model

Landfall Plus About 12 Hours

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State	Yards per State	County	Yards per County
South Carolina		Charleston	2,000
(continued)		Dillon	< 1,000
		Georgetown	76,000
		Horry	726,000
		Marion	3,000
South Carolina	807,000		
Virginia		Accomack	53,000
		Brunswick	2,000
		Charles City	2,000
		Chesapeake	297,000
		Emporia City	8,000
		Franklin City	24,000
		Gloucester	79,000
		Greensville	11,000
		Hampton City	388,000
		Isle Of Wight	80,000
		James City	95,000
		King And Queen	3,000
		Lancaster	14,000
		Mathews	25,000
		Middlesex	14,000
		New Kent	2,000
		Newport News	506,000
		Norfolk City	312,000
		Northampton	16,000
		Northumberland	11,000
		Poquoson City	29,000
		Portsmouth	169,000
		Prince George	6,000
		Southampton	46,000

State	Yards per State	County	Yards per County
Virginia		Suffolk City	184,000
(continued)		Surry	16,000
		Sussex	18,000
		Virginia Beach	573,000
		Williamsburg	15,000
		York	139,000
Virginia	3,137,000		

The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

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or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane Noname 1961 Debris Model

Generated By:
Siemsen, LRL 0930 EDT 09/18/2007

Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane Noname 1961 Population Model

Landfall Plus About 12 Hours

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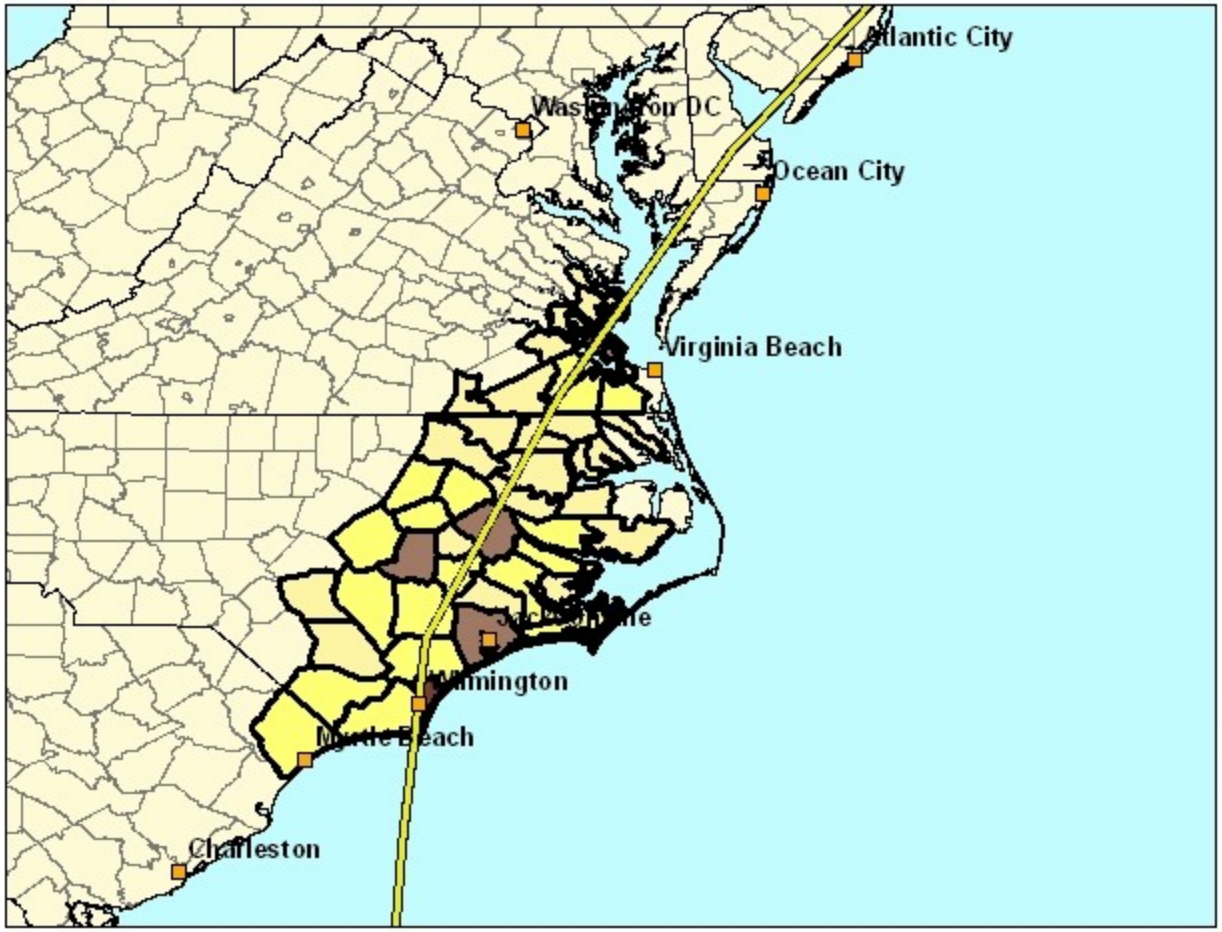


Post Landfall Population Model Results

North Carolina - 1,530,000
Virginia - 633,000
South Carolina - 93,000

Model results per County on following page

This model is based on a Category 3 storm making landfall near Wilmington, NC.

Historic Track

Population

- < 25,000 persons
- 25,000 - 99,999 persons
- 100,000 - 174,999 persons
- 175,000 - 249,999 persons
- > 250,000 persons

Information provided on this page displays a Category 3 storm making landfall near Wilmington, NC. These projections are based on information from the NHC (0900 EDT 09/18/2007) forecast. The numbers of persons included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2006 values).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane Noname 1961 Population Model	
Generated By: Siemsen, LRL 0930 EDT 09/18/2007	
Sources: HURREVAC LRL-DEBRIS	

US Army Corps of Engineers

Hurricane Noname 1961 Population Model

Landfall Plus About 12 Hours

For Official Use Only!

State	Population per State	County	Population per County
North Carolina		Beaufort	46,000
		Bertie	20,000
		Bladen	18,000
		Brunswick	95,000
		Camden	< 1,000
		Carteret	56,000
		Chowan	9,000
		Columbus	34,000
		Craven	95,000
		Cumberland	< 1,000
		Duplin	53,000
		Edgecombe	54,000
		Gates	11,000
		Greene	21,000
		Halifax	14,000
		Hertford	24,000
		Hyde	< 1,000
		Johnston	29,000
		Jones	11,000
		Lenoir	58,000
		Martin	25,000
		Nash	57,000
		New Hanover	183,000
		Northampton	14,000
		Onslow	151,000
		Pamlico	11,000
		Pender	49,000
		Perquimans	< 1,000
		Pitt	146,000
		Sampson	47,000
		Washington	9,000

State	Population per State	County	Population per County
North Carolina		Wayne	114,000
(continued)		Wilson	76,000
North Carolina	1,530,000		
South Carolina		Horry	93,000
South Carolina	93,000		
Virginia		Chesapeake	32,000
		Franklin City	9,000
		Gloucester	24,000
		Greensville	< 1,000
		Hampton City	146,000
		Isle Of Wight	35,000
		James City	13,000
		Mathews	9,000
		Middlesex	< 1,000
		Newport News	179,000
		Norfolk City	< 1,000
		Poquoson City	12,000
		Portsmouth	20,000
		Southampton	13,000
		Suffolk City	82,000
		Surry	2,000
		Williamsburg	< 1,000
		York	57,000
Virginia	633,000		

The number of persons estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2006 values.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane Noname 1961 Population Model

Generated By:
Siemsen, LRL 0930 EDT 09/18/2007

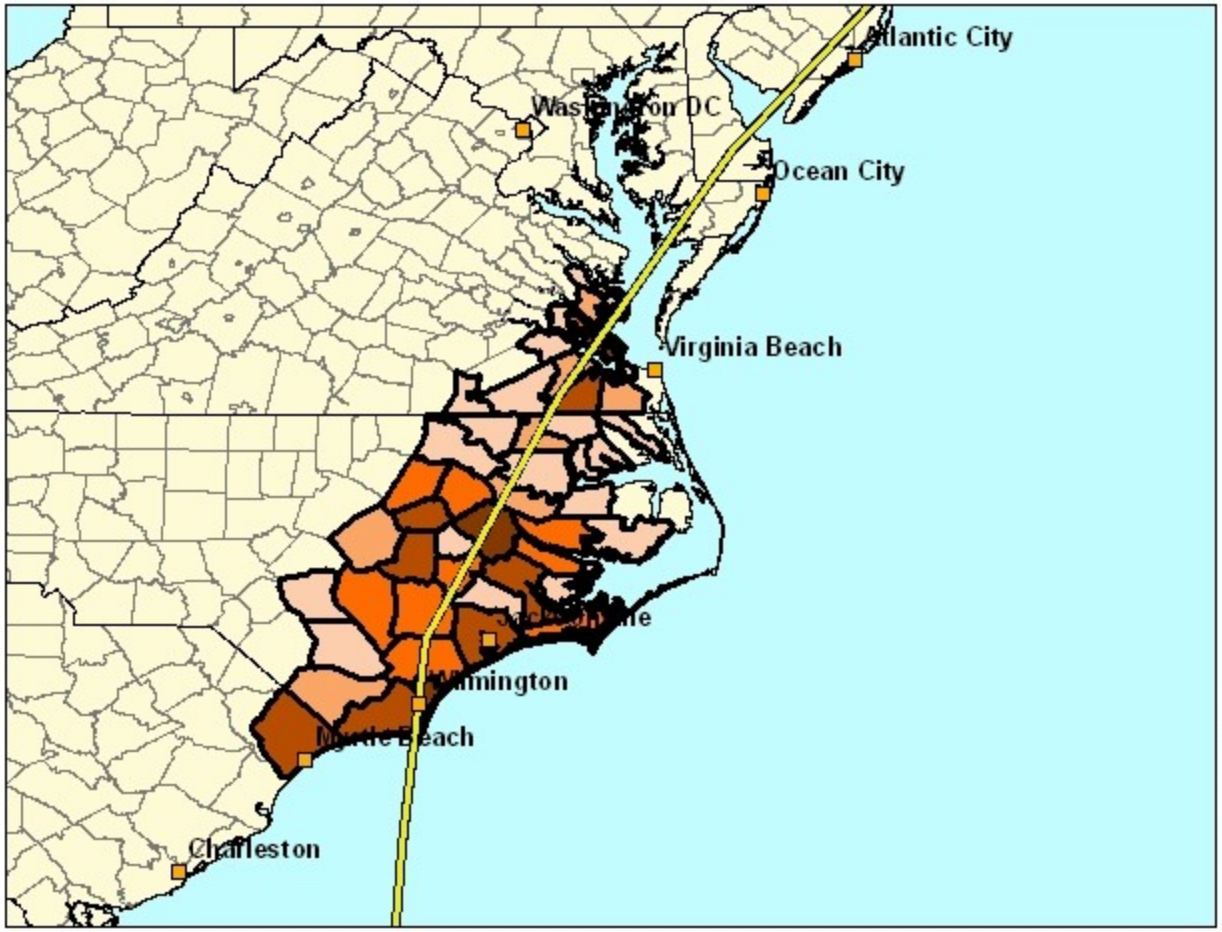
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane Noname 1961 Households Model

Landfall Plus About 12 Hours

For Official Use Only!



Post Landfall Households Model Results

North Carolina - 604,000
Virginia - 239,000
South Carolina - 41,000

Model results per County on following page

This model is based on a Category 3 storm making landfall near Wilmington, NC.

Historic Track

Households

- < 7,500 households
- 7,500 - 14,999 households
- 15,000 - 24,999 households
- 25,000 - 49,999 households
- > 50000 households

Information provided on this page displays a Category 3 storm making landfall near Wilmington, NC. These projections are based on information from the NHC (0900 EDT 09/18/2007) forecast. The numbers of households included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2006 values).

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Hurricane Noname 1961 Households Model	
Generated By: Siemsen, LRL 0930 EDT 09/18/2007	
Sources: HURREVAC LRL-DEBRIS	

US Army Corps of Engineers

Hurricane Noname 1961 Households Model

Landfall Plus About 12 Hours

For Official Use Only!

State	Households per State	County	Households per County
North Carolina		Beaufort	19,000
		Bertie	8,000
		Bladen	7,000
		Brunswick	40,000
		Camden	< 1,000
		Carteret	24,000
		Chowan	4,000
		Columbus	14,000
		Craven	36,000
		Cumberland	< 1,000
		Duplin	20,000
		Edgecombe	20,000
		Gates	5,000
		Greene	8,000
		Halifax	5,000
		Hertford	10,000
		Hyde	< 1,000
		Johnston	12,000
		Jones	4,000
		Lenoir	24,000
		Martin	10,000
		Nash	23,000
		New Hanover	78,000
		Northampton	6,000
		Onslow	49,000
		Pamlico	5,000
		Pender	20,000
		Perquimans	< 1,000
		Pitt	58,000
		Sampson	18,000
		Washington	4,000

State	Households per State	County	Households per County
North Carolina		Wayne	43,000
(continued)		Wilson	30,000
North Carolina	604,000		
South Carolina		Horry	41,000
South Carolina	41,000		
Virginia		Chesapeake	11,000
		Franklin City	4,000
		Gloucester	9,000
		Greensville	< 1,000
		Hampton City	54,000
		Isle Of Wight	14,000
		James City	5,000
		Mathews	4,000
		Middlesex	< 1,000
		Newport News	69,000
		Norfolk City	< 1,000
		Poquoson City	5,000
		Portsmouth	8,000
		Southampton	5,000
		Suffolk City	30,000
		Surry	< 1,000
		Williamsburg	< 1,000
		York	21,000
Virginia	239,000		

The number of households estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2006 values.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane Noname 1961 Households Model

Generated By:
Siemsen, LRL 0930 EDT 09/18/2007

Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane Noname 1961 Commodities Model

Landfall Plus About 12 Hours

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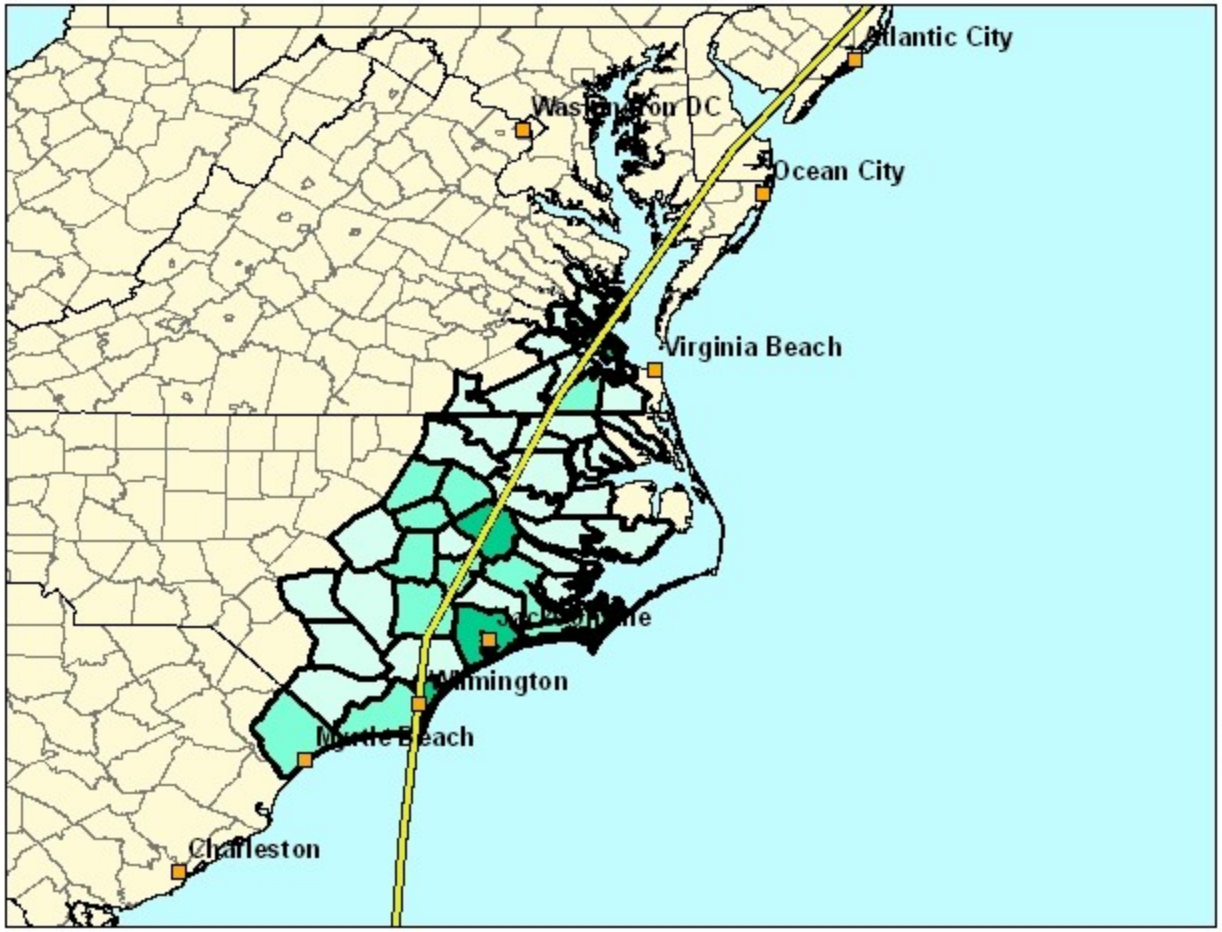

Post Landfall Ice/Water Model Results

Day One / Day Two / Day Three
NC – 35/70/139 Truckloads
VA – 15/30/60 Truckloads
SC – 2/4/8 Truckloads

Model results per County on following page

This model is based on a Category 3 storm making landfall near Wilmington, NC.

Historic Track

Commodities

- < 5 Trucks Each
- 5 - 10 Trucks Each
- 11 - 20 Trucks Each
- 21 - 40 Trucks Each
- > 40 Trucks Each

Information provided on this page displays a Category 3 storm making landfall near Wilmington, NC. These projections are based on information from the NHC ***(0900 EDT 09/18/2007)*** forecast. The amount of commodities forecasted is based on Mission Guide Book requirements and SME input. The graphic represents single day needs with full distribution system in place and operating.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane Noname 1961 Commodities Model	
Generated By: Siemsen, LRL 0930 EDT 09/18/2007	
Sources: HURREVAC LRL-DEBRIS	Page 8 of 13

US Army Corps of Engineers

Hurricane Noname 1961 Commodities Model

Landfall Plus About 12 Hours

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State	Truckloads per State	County	Truckloads per County
North Carolina		Beaufort	4
		Bertie	2
		Bladen	2
		Brunswick	8
		Camden	1
		Carteret	5
		Chowan	1
		Columbus	3
		Craven	8
		Cumberland	1
		Duplin	5
		Edgecombe	5
		Gates	1
		Greene	2
		Halifax	2
		Hertford	2
		Hyde	1
		Johnston	3
		Jones	1
		Lenoir	5
		Martin	2
		Nash	5
		New Hanover	15
		Northampton	2
		Onslow	13
		Pamlico	1
		Pender	4
		Perquimans	1
		Pitt	12
		Sampson	4
		Washington	1

State	Truckloads per State	County	Truckloads per County
North Carolina		Wayne	10
(continued)		Wilson	7
North Carolina	139		
South Carolina		Horry	8
South Carolina	8		
Virginia		Chesapeake	3
		Franklin City	1
		Gloucester	2
		Greensville	1
		Hampton City	12
		Isle Of Wight	3
		James City	1
		Mathews	1
		Middlesex	1
		Newport News	15
		Norfolk City	1
		Poquoson City	1
		Portsmouth	2
		Southampton	2
		Suffolk City	7
		Surry	1
		Williamsburg	1
		York	5
Virginia	60		

The amount of commodities forecasted is based on Mission Guide Book requirements and SME input and the above table indicates suggested needs based on phased deployment of a commodities distribution system.

Details about this model may be obtained at http://www.englink.usace.army.mil
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Hurricane Noname 1961 Commodities Model

Generated By:
Siemsen, LRL 0930 EDT 09/18/2007

Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane Noname 1961 Temp Housing Model

Landfall Plus About 12 Hours

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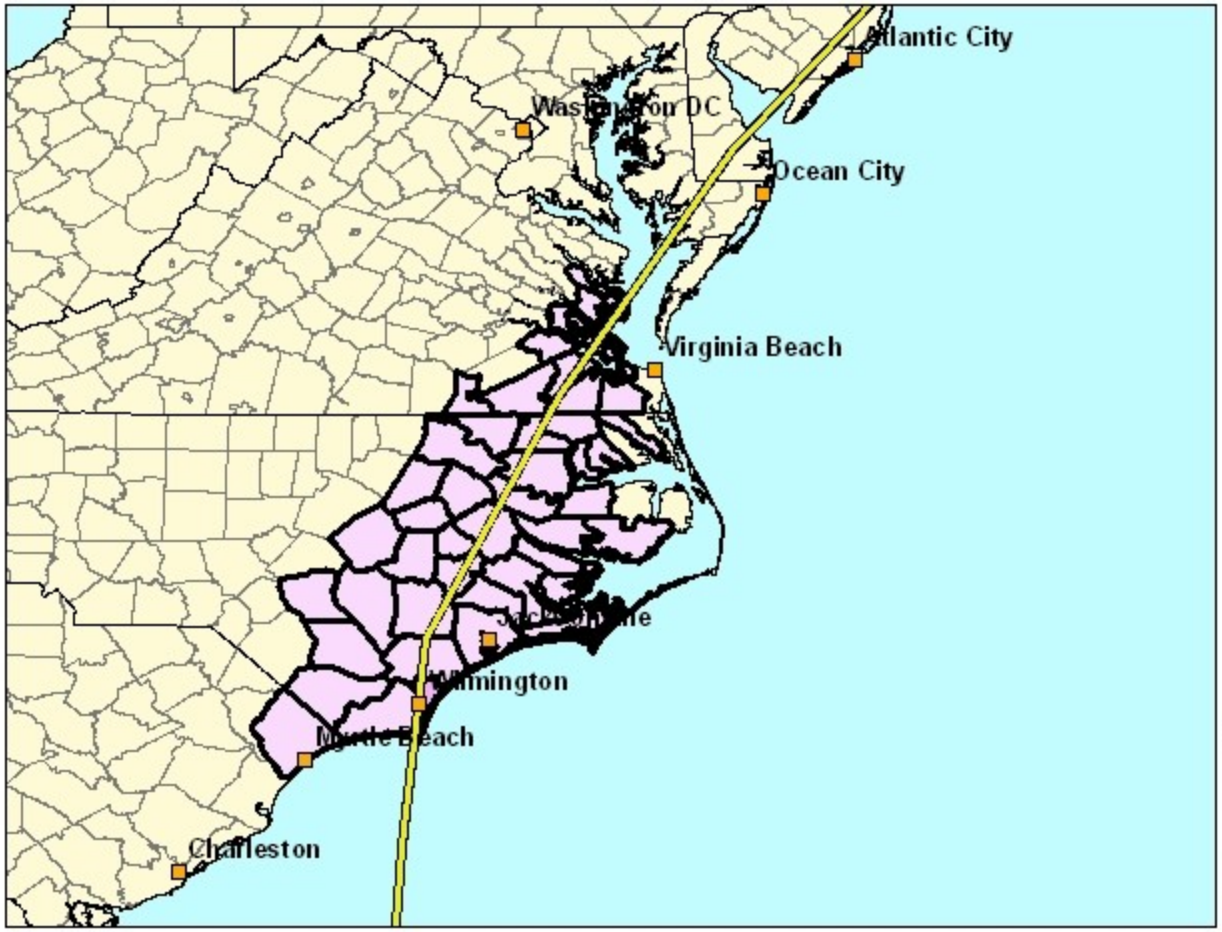

Post Landfall Temporary Housing Model Results

North Carolina - 17,500
Virginia - 2,300
South Carolina - 700

Model results per County on following page

This model is based on a Category 3 storm making landfall near Wilmington, NC.

Historic Track

Temporary Housing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 3 storm making landfall near Wilmington, NC. These projections are based on information from the NHC (0900 EDT 09/18/2007) forecast. Temporary housing is based on 1% in CAT 1, 3% in CAT 2 and 5% in CAT 3.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane Noname 1961 Housing Model	
Generated By: Siemsen, LRL 0930 EDT 09/18/2007	
Sources: HURREVAC LRL-DEBRIS	

US Army Corps of Engineers

Hurricane Noname 1961 Temp Housing Model

Landfall Plus About 12 Hours

For Official Use Only!

State	House Units per State	County	House Units per County
North Carolina		Beaufort	400
		Bertie	< 100
		Bladen	200
		Brunswick	1,800
		Camden	< 100
		Carteret	300
		Chowan	< 100
		Columbus	300
		Craven	900
		Cumberland	< 100
		Duplin	900
		Edgecombe	400
		Gates	< 100
		Greene	300
		Halifax	< 100
		Hertford	< 100
		Hyde	< 100
		Johnston	200
		Jones	200
		Lenoir	800
		Martin	300
		Nash	300
		New Hanover	3,900
		Northampton	< 100
		Onslow	1,700
		Pamlico	< 100
		Pender	1,000
		Perquimans	< 100
		Pitt	1,800
		Sampson	300
		Washington	< 100

State	House Units per State	County	House Units per County
North Carolina		Wayne	1,100
(continued)		Wilson	400
North Carolina	17,500		
South Carolina		Horry	700
South Carolina	700		
Virginia		Chesapeake	200
		Franklin City	< 100
		Gloucester	< 100
		Greensville	< 100
		Hampton City	600
		Isle Of Wight	200
		James City	< 100
		Mathews	< 100
		Middlesex	< 100
		Newport News	700
		Norfolk City	< 100
		Poquoson City	< 100
		Portsmouth	< 100
		Southampton	< 100
		Suffolk City	300
		Surry	< 100
		Williamsburg	< 100
		York	300
Virginia	2,300		

Temporary housing is based on 1% in CAT 1, 3% in CAT 2 and 5% in CAT 3.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane Noname 1961 Housing Model

Generated By:
Siemsen, LRL 0930 EDT 09/18/2007

Sources:
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LRL-DEBRIS

US Army Corps of Engineers

Hurricane Noname 1961 Temp Roofing Model

Landfall Plus About 12 Hours

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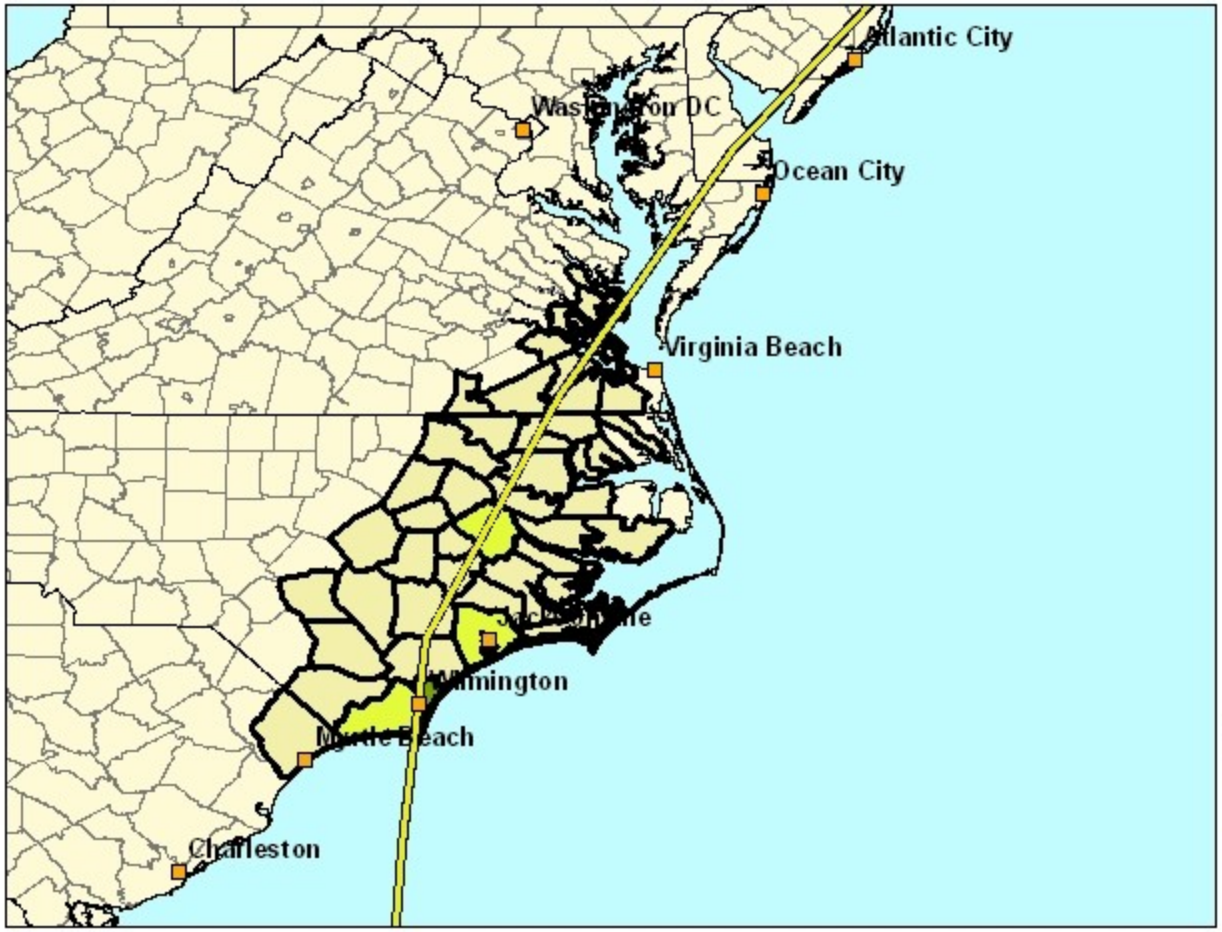

Post Landfall Temporary Roofing Model Results

North Carolina - 28,800
Virginia - 4,700
South Carolina - 1,200

Model results per County on following page

This model is based on a Category 3 storm making landfall near Wilmington, NC.

Historic Track

Temporary Roofing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 3 storm making landfall near Wilmington, NC. These projections are based on information from the NHC (0900 EDT 09/18/2007) forecast. Temporary roofing is based on 2% in CAT 1, 5% in CAT 2 and 8% in CAT 3.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane Noname 1961 Roofing Model	
Generated By: Siemsen, LRL 0930 EDT 09/18/2007	
Sources: HURREVAC LRL-DEBRIS	Page 12 of 13

US Army Corps of Engineers

Hurricane Noname 1961 Temp Roofing Model

Landfall Plus About 12 Hours

For Official Use Only!

State	House Units per State	County	House Units per County
North Carolina		Beaufort	600
		Bertie	200
		Bladen	200
		Brunswick	2,900
		Camden	< 100
		Carteret	600
		Chowan	< 100
		Columbus	400
		Craven	1,500
		Cumberland	< 100
		Duplin	1,400
		Edgecombe	600
		Gates	< 100
		Greene	400
		Halifax	< 100
		Hertford	200
		Hyde	< 100
		Johnston	300
		Jones	300
		Lenoir	1,300
		Martin	400
		Nash	500
		New Hanover	6,300
		Northampton	200
		Onslow	2,800
		Pamlico	< 100
		Pender	1,600
		Perquimans	< 100
		Pitt	2,900
		Sampson	600
		Washington	< 100

State	House Units per State	County	House Units per County
North Carolina		Wayne	1,900
(continued)		Wilson	700
North Carolina	28,800		
South Carolina		Horry	1,200
South Carolina	1,200		
Virginia		Chesapeake	300
		Franklin City	< 100
		Gloucester	200
		Greensville	< 100
		Hampton City	1,100
		Isle Of Wight	300
		James City	< 100
		Mathews	< 100
		Middlesex	< 100
		Newport News	1,400
		Norfolk City	< 100
		Poquoson City	< 100
		Portsmouth	200
		Southampton	100
		Suffolk City	600
		Surry	< 100
		Williamsburg	< 100
		York	500
Virginia	4,700		

Temporary roofing is based on 2% in CAT 1, 5% in CAT 2 and 8% in CAT 3.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane Noname 1961 Roofing Model

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